TELEPHONIC BIOMETRIC SECURED ACCESS CONTROL

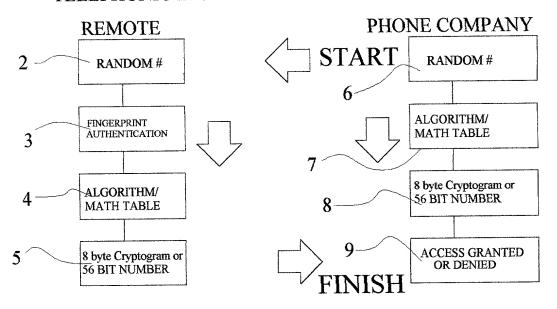
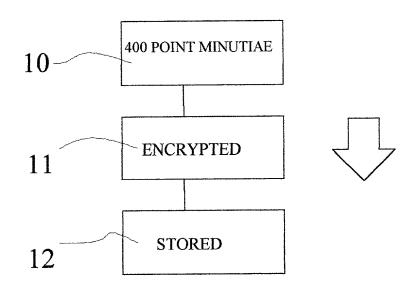


FIGURE 2

TELEPHONIC BIOMETRIC SECURED ACCESS CONTROL
REMOTE BIOMETRIC IDENTIFICATION



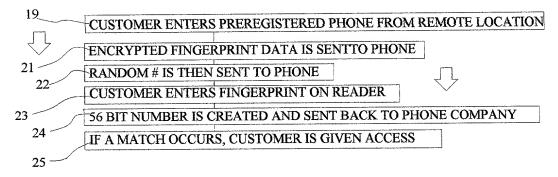
TELEPHONIC BIOMETRIC SECURED ACCESS CONTROL

REGISTERING BIOMETRIC IDENTIFICATION

13	eustomer calls telephone co.
14	customer registers name
15	phone company sends unique math table
16	math table is stored on biometric ID box and phone company
17	customer registers fingerprint on caller ID box
18	finger print is sent to phone company and stored on local caller id box in encrypted form

FIGURE 4

REMOTE BIOMETRIC IDENTIFICATION ACCESS



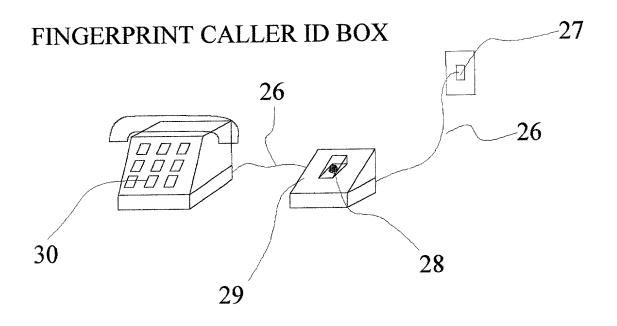
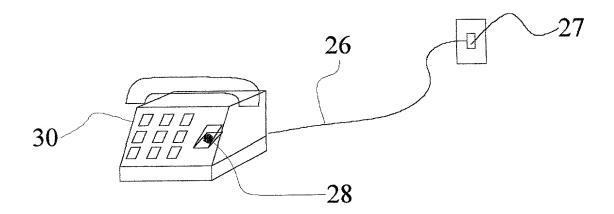
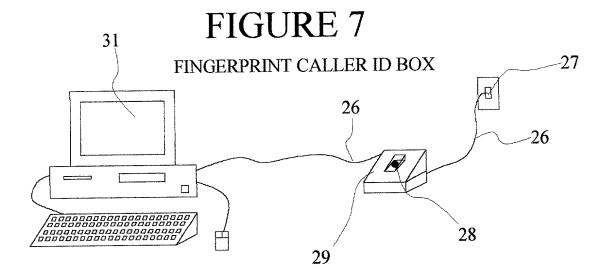


FIGURE 6

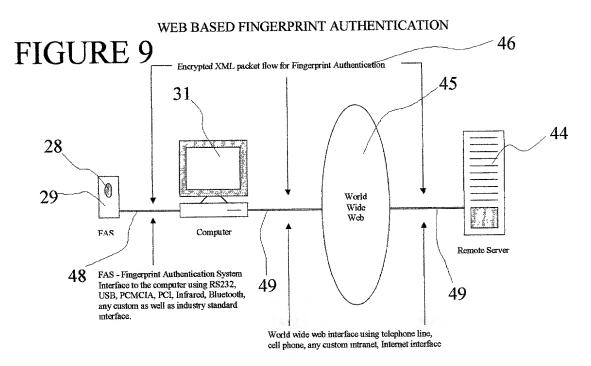




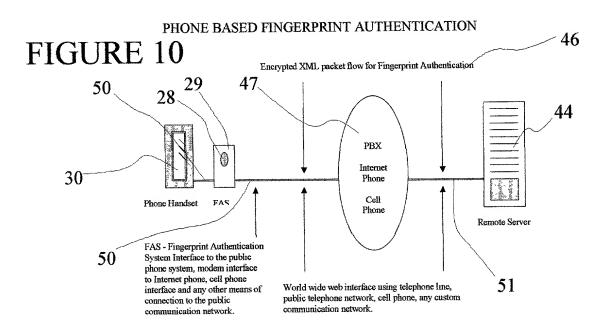
TELEPHONIC BIOMETRIC SECURED ACCESS CONTROL 32 REGISTERING BIOMETRIC IDENTIFICATION customer calls telephone company/server fingerprint unit is authenticated phone company sends 1st enrollment code (single DES) user places his/her fingerprint onto fingerprint reader first encrypted fingerprint is stored temporarily phone company/server sends 2nd enrollment code to fingerprint unit which has second half of the Triple DES table along with random number for authenticating the first set of fingerprints and respond back with the 112 bytes Triple DES Cryptogram. 1st and 2nd enrollment code are combined to form final math table (triple DES) 39 user places his/her fingerprint onto fingerprint reader fingerprints are compared for positive match if match occurs, random number is then operated on by final math table to form a triple DES cryptogram triple DES cryptogram is then sent to phone company/server if triple DES cryptogram from fingeprint unit 43 matches the phone company/server's

internally generated triple DES cryptogram,

enrollment is complete



FAS = Fingerprint Authentication System



FAS = Fingerprint Authentication System